

PI 586868. *Helianthus annuus* L.

Wild. Ames 17934; ANN 2193. Collected 09/13/1991 in Nebraska, United States. Latitude 41 deg. 5' N. Longitude 96 deg. 1' W. Disturbed roadside ditch along frontage road. 8.0 km north of Springfield, Hwy. 50 N, Sarpy County. Seed collected from 28 plants. Population scattered along disturbed area of the roadside ditch, in channel. Plants extremely tall, some 4 to 5 m, branching equally up and down the stem, looking uniformly spaced. Heads as large as we have seen, but definitely are still wild. Seed set good, some insect damage to head (Suleima) no apparent rust.

PI 586869. *Helianthus annuus* L.

Wild. Ames 17935; ANN 2194. Collected 09/14/1991 in Nebraska, United States. Latitude 41 deg. 22' N. Longitude 97 deg. 40' W. Roadside ditch along corn field. 6.9 km northeast of Silver Creek, Hwy. 30 E, Merrick County. Seed collected from 20 plants. Population along edge of field and roadside ditch. Clay-loam soil. Plants 2m tall, branched below, larger heads, good seed set, past peak flowering. Head damage due to grasshopper and Suleima, moderate rust.

PI 586870. *Helianthus annuus* L.

Wild. Ames 17936; ANN 2196. Collected 09/14/1991 in Nebraska, United States. Latitude 41 deg. 6' N. Longitude 97 deg. 40' W. Roadside ditch along railroad tracks. 9.6 km southwest of Central City, Hwy. 30 W, Merrick County. Seed collected from 28 plants. Population scattered along edge of railroad right-of-way, also in ditch. Black clay soil. Typical *H. annuus*, well past flowering, 2m tall. Slight rust, severe grasshopper damage, some heads 1/4 eaten.

PI 586871. *Helianthus annuus* L.

Wild. Ames 17937; ANN 2197. Collected 09/14/1991 in Nebraska, United States. Latitude 40 deg. 15' N. Longitude 98 deg. 33' W. Along edge of cultivated soybean field. 10.7 km west of Wood River, Hwy. 30 W, Hall County. Seed collected from 33 plants. Population small, 50 plants, along edge of soybean field. Typical *H. annuus*, very tall, plants with large lower leaves, past flowering, good seed set. No apparent rust.

PI 586872. *Helianthus annuus* L.

Wild. Ames 17938; ANN 2198. Collected 09/14/1991 in Nebraska, United States. Latitude 40 deg. 30' N. Longitude 99 deg. 10' W. Along railroad right-of-way. 5.6 km west of Axtell, Hwy. 6 and 34 W, Kearney County. Seed collected from 23 plants. Population extending along railroad tracks for ca. 100 m. Many plants branching from base, very large stems, plants past flowering, larger green leaves. Head damage due to Suleima, slight rust problem.

PI 586873. *Helianthus annuus* L.

Wild. Ames 17939; ANN 2199. Collected 09/14/1991 in Nebraska, United States. Latitude 40 deg. 34' N. Longitude 99 deg. 51' W. Sandy-loam soil in disturbed roadside ditch along railroad right-of-way. 6.4 km northwest of Bertrand, Hwy. 23 W, Phelps County. Seed collected from 32 plants. Plants scattered along railroad right-of-way. Badger holes frequent in area, another population was in disturbed area of roadside ditch. Plants 2.5 m tall, good seed set. Grasshopper damage to heads. Typical *H. annuus*. Slight rust in population.

PI 586874. *Helianthus annuus* L.

Wild. Ames 17940; ANN 2200. Collected 09/14/1991 in Nebraska, United States. Latitude 40 deg. 46' N. Longitude 99 deg. 48' W. Sandy-loam soil in disturbed roadside ditch along railroad tracks. 1.6 km west of Lexington, Hwy. 30 W, Dawson County. Seed collected from 22 plants. Population scattered along railroad tracks. Plants 2.5 - 3 m tall, branching, larger leaves. Good seed set, well past flowering. No apparent rust.